United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

MAY 1934

Any five of the nontechnical publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D.C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Bean growing in northern Idaho, eastern Washington, and eastern Oregon. Byron Hunter, Bureau of Agricultural Economics. 14 p., illus. (F.B. 1509F. rev.) Price, 5¢.

Farm practice with lespedeza. H. A. Miller, Bureau of Agricultural Economics. (F.B. 1724F.) 18 p., illus. Price, 5¢.

Based on information collected from farmers located in the States of Virginia, North Carolina, Tennessee, and Kentucky who are growing lespedeza regularly as a farm crop. This information includes methods of seeding, varieties used, the place in the cropping system usually occupied by lespedeza, and practices that have developed in connection with the production and use of the crop in these States.

Planning a subsistence homestead. Walter W. Wilcox, Bureau of Agricultural Economics. 20 p., illus. (F.B. 1733F.) Price, 5¢.

Deals chiefly with the economic problems that will be met by those people who are planning to combine part-time farming and wage earning.

TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Growth in selectively cut ponderosa pine forests of the Pacific Northwest. Walter H. Meyer, Forest Service. 64 p., illus. (T.B. 407T.) Price, 10¢.

Discusses briefly the essential factors affecting the growth and yield of uneven-aged stands. It also treats in some detail of the development of the single tree, showing the effect of such factors as tree class, site quality, and release distance.

The influence of precipitation and grazing upon black grama grass range. Enoch W. Nelson, Forest Service. (T.B. 409T.) 32 p., illus. Price, 5¢.

Presents the results of study, during the 13 years from 1915–27, inclusive, of the influence of the variable precipitation and several intensities of grazing on the black grama range type on the Jornada Experimental Range and adjacent public-domain range in southern New Mexico.

Experiments with forage crops at the Fort Hays Branch Station, Hays, Kans., 1913 to 1928. R. E. Getty, Bureau of Plant Industry. 92 p., illus. (T.B. 410T.) Price, 10¢.

The experiments described were conducted on upland soil under dry-farming conditions representative of an extensive area in the central Great Plains. Sorghums have had the leading place and the results are of most value to the northern part of the sorghum belt.

The nitrogen nutrition of tobacco. W. W. Garner, C. W. Bacon, J. D. Bowling, and D. E. Brown, Bureau of Plant Industry. 78 p., illus. (T.B. 414T.) Price, 10¢.

64305—34

CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

Rural factory industries. T. B. Manny and Wayne C. Nason, Bureau of Agricultural Economics. (Cir. 312C.) 35 p., illus. Price, 5¢.

Agencies interested in rural planning will do well to go very thoroughly into the possibility of locating small factories in localities where commercial agriculture cannot succeed in competition with the better lands, but where the existing farm population can find at least part-time employment while continuing food-raising activities for their own use.

Changes in composition of American fertilizers, 1880–1932. A. L. Mehring and A. J. Peterson, Bureau of Chemistry and Soils. (Cir. 315C.) 20 p., illus. Price, 5¢.

The results of an attempt to determine the extent of the changes that have occurred in the composition of mixed fertilizers during the past half century in the country as a whole and in the various States.

MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

A bibliography of plant genetics. Majorie F. Warner, Martha A. Sherman, and Esther M. Colvin, Bureau of Plant Industry. (M.P. 164MP.) 552 p. Price, 50¢.

The scope of the literature covered is comprehensive rather than definite, the main object of the list being to present the available material from a point of view which may serve the plant breeder and the student of genetics.

Descriptions of types of principal American varieties of cabbage. Victor R. Boswell and W. C. Edmundson, Bureau of Plant Industry; O. H. Pearson, California Agricultural Experiment Station; J. E. Knott and C. E. Myers, Pennsylvania Agricultural Experiment Station; R. A. McGinty, South Carolina Agricultural Experiment Station; W. H. Friend, Texas Agricultural Experiment Station; H. H. Zimmerley, Virginia Truck Experiment Station; J. C. Walker, University of Wisconsin. 22 p., illus. (M.P. 169MP.) Price, 40¢.

A pasture handbook. A. T. Semple, Bureau of Animal Industry; H. N. Vinall and C. R. Enlow, Bureau of Plant Industry; and T. E. Woodward, Bureau of Dairy Industry. With a foreword by Henry A. Wallace, Secretary of Agriculture. (M.P. 194MP.) 89 p., illus. Price, 10¢.

Wider use of pastures and meadows in our farming system would reduce the production of cash crops, conserve the fertility of the soil, diminish soil erosion, and, for agriculture as a whole, should produce increased net returns.

SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

Bureau of Animal Industry, Service and Regulatory Announcements, March 1934. Pp. 25–32. (S.R.A.–B.A.I. 323); April 1934. Pp. 33–40. (S.R.A.–B.A.I. 324.) Price, 5¢ each.

Notices of Judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 417–468. (N.J., F.D. 20751–20875.) [1]

SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

Iowa, Washington County. (Number 17, series 1930.) 35 p., illus. Price, 30¢.

[1] These may be obtained from the issuing bureau.

South Carolina, Greenwood County. (Number 26, series 1929.) 31 p., illus. Price, 30¢.

Virginia, Grayson County. (Number 19, series 1930.) 35 p., illus. Price, 25¢.

West Virginia, Hardy and Pedleton Counties. (Number 14, series 1930.) 47 p., illus. Price, 50¢.

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 18, no. 5, May 1, 1933. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.[2]

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Crops and markets. Vol. 11, no. 4, April 1934. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[2]

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, $3 a year; daily, including Sundays and holidays, 30¢ a month, $3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, $7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, $2.40 a year.[2]

Experiment station record. Vol. 70, nos. 4 and 5, April and May 1934. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.50 per volume, foreign. Single number for sale only. Price, 15¢.[2]

A technical view of the world's scientific literature pertaining to agriculture.

Journal of agricultural research. Price, $2.25 a year domestic; $3.50 a year foreign. Not distributed free to individuals. Each issue, price, 10¢. Reprints, 5¢ each.[2]

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

—— Vol. 48, no. 5. Illus. March 1, 1934.

Contents:

Size, shape, and orientation of plots and number of replications required in sweetpotato field-plot experiments (G–885). Ross C. Thompson.
Uniformity in patheogenicity and cultural behavior among strains of the cabbage-yellows organism (G–887). L. M. Blank.
Toxin produced by *Bacterium tabacum* and its relation to host range (G–889). E. E. Clayton.
Characteristics of the piroplasms *Babesia argentina* and *B. bigemina* in the United States (A–158). Charles W. Rees.

[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.

Indicate below, by numbers **IN NUMERICAL ORDER** bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D.C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D.C., enclosing remittance to cover cost of publication.

Farmer's Bulletins	Leaflets	Other publications

UNIVERSITY OF FLORIDA
3 1262 08903 7385

Journal of agricultural research.—Continued.

Contents—Continued.

The calcifying properties of green, artificially dried, and sun-cured pasture herbage (I–15). R. E. Hodgson and J. C. Knott.

Injury from calcium arsenate-hydrated lime spray on snap beans retarded in growth by unfavorable soil conditions (K–248). Loyd W. Brannon.

The effect of hypertonic sugar solutions on the thermal resistance of bacteria (Kans.–73). A. C. Fay.

The influence of lime on the reaction of subsoils (N.J.–27). A. W. Blair and A. L. Prince.

Public roads. Vol. 15, no. 2, April 1934. Price, 10¢ a copy; $1 a year, $1.50 a year, foreign.[2]

Weekly weather and crop bulletin. Nos. 18–21, May 1–May 22, 1934. Price, 50¢ a year, domestic; $1 a year, foreign.[2]

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

AGRICULTURAL ADJUSTMENT ADMINISTRATION

Preliminary questions and answers covering the Bankhead Act. Agricultural Adjustment Administration. 12 p. (B.A.–1.)[3]

Working together in the corn-hog program. Remarks by Hon. H. A. Wallace, Secretary of Agriculture. * * * broadcast * * *. 4 p. (G–10.)[3]

The most complete agricultural recovery in history. The example of Denmark. Frederick C. Howe, Agricultural Adjustment Administration. 14 p. (G–11.)[3]

Code of fair competition for the linseed oil manufacturing industry. (Flaxseed crushing industry.) Approved by the President of the United States. Code of Fair Competition Series—Code no. 13. 24 p. (M–58.) Price, 5¢.[2]

Marketing agreement and license for the Florida celery industry. Marketing Agreement Series—Agreement no. 42. License Series—License no. 51. 21 p. (M–59.) Price, 5¢.[2]

Marketing agreement and license for shippers of package bees and queens produced in the United States. Marketing Agreement Series—Agreement no. 43. License Series—License no. 54. 16 p. (M–60.) Price, 5¢.[2]

Code of fair competition for the country grain elevator industry of the United States. Approved by the President of the United States. Code of Fair Competition Series—Code no. 14. 17 p. (M–61.) Price, 5¢.[2]

License for processors of wood turpentine and wood rosin. License Series—License no. 55. 9 p. (M–62.) Price, 5¢.[2]

Code of fair competition for the feed manufacturing industry. Approved by the President of the United States. Code of Fair Competition Series—Code no. 15. 16 p. (M–63.) Price, 5¢.[2]

---

[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D.C.

[3] These may be obtained free upon application to the Agricultural Adjustment Administration.

U.S. DEPARTMENT OF AGRICULTURE
OFFICE OF INFORMATION
WASHINGTON, D.C.

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

OFFICIAL BUSINESS

*Name*_____

*Rural Route or Street No*_____

*City or Town*_____

*State*_____

5–34

U. S. GOVERNMENT PRINTING OFFICE: 1934